

Message Text

UNCLASSIFIED

PAGE 01 PRAGUE 01852 251424Z

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ACTION EUR-12

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UNCLAS PRAGUE 1852

E.O. 11652: N/A
TAGS: BEXP, CZ
SUBJECT: SEMINAR/EXHIBIT ON NON-FERROUS METALLURGY TECHNOLOGY

COMMERCE FOR BEWT/TPD (THOMPSON)

VIENNA FOR USEWTC

REF: STATE 147702

1. FEDERAL MINISTRY OF METALLURGY AND HEAVY ENGINEERING (FMMHE)
INFORMED EMBASSY JULY 23 THAT GOOD INTEREST EXISTS AMONG NON-FERROUS SPECIALISTS AND INDUSTRY OFFICIALS HERE TO PARTICIPATE IN SUBJECT SEMINAR. FMMHE ALSO CONCURS IN TIME PERIOD SUGGESTED FOR EVENT AND, ALTHOUGH EMBASSY HAS NOT YET HAD DETAILED DISCUSSION WITH MINISTRY OFFICIALS RE ARRANGEMENTS FOR SEMINAR, WE EXPECT NO DIFFICULTY IN SECURING FMMHE'S COOPERATION ACROSS-THE-BOARD, INCLUDING CO-SPONSORING IF NECESSARY.

2. IN RESPONSE TO EMBASSY'S WRITTEN REQUEST, FMMHE HAS PROVIDED FOLLOWING LIST OF TOPICS AN/OR THEMES ON WHICH INDUSTRY SPECIALISTS WOULD BE MOST INTERESTED IN HEARING TECHNICAL PAPERS PRESENTED AT SEMINAR:

A) PRODUCTION OF ALUMINA AND ALUMINUM:

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PAGE 02 PRAGUE 01852 251424Z

1. TYPES OF ELECTROLYTIC PLANTS, CELLS.

2. LIQUIDATION OF FLUOR-EXHALATIONS.

3. PRODUCTION OF ALUMINA FROM OTHER RAW MATERIALS THAN BAUXITES -- FOR EXAMPEL, ARGILES, ALUNITES.

4. LATEST METHODS IN PRODUCTION OF ALUMINUM.

B) PRODUCTION OF COPPER, ESPECIALLY FOR PLANTS OF LOWER CAPACITIES:

1. TECHNOLOGIES.

2. INTENSIFICATION OF PRODUCTION OF COPPER MATT IN REVERBATORY FURNANCES.

3. INTENSIFICATION OF PRODUCTION OF COPPER BY MEANS OF TECHNICAL OXYGEN.

4. LIQUIDATION OF EXHALATIONS (EMISSIONS) AND RECOVERY OF THEIR COMPOUNDS.

5. NEW METHODS OF ELECTROLYSIS OF COPPER.

6. RECOVERY OF COPPER FROM ALL TYPES OF COPPER-CONTAINING SCRAP.

C) PRODUCTION OF LEAD:

1. TYPES OF SINTERING PLANTS, TECHNOLOGY, SULPHUR ELIMINATION, RECOVERY OF SULPHUR, INTENSIFICATION OF SINTERING BY OXYGEN.

2. PRODUCTION OF LEAD BULLION IN BLAST FURNACES, INTENSIFICATION OF PROCESS-PREHEATING AIR, OXYGEN.

3. REFINING OF LEAD BULLION.

4. LIQUIDATION AND RECOVERING OF EXHALATIONS (EMISSIONS).

5. ANTIPOLLUTION CONDITIONS (CONTROL).

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UNCLASSIFIED

PAGE 03 PRAGUE 01852 251424Z

6. PRODUCTION OF LEAD FROM SCRAP, ESPECIALLY FROM ACID BATTERIES.

D) PRODUCTION OF ANTIMONY, ESPECIALLY FROM COMPLEX CONCENTRATES, CONTAINING ANTIMONY, COPPER, PRECIOUS METALS AND QUICKSILVER.

E) ORGANIZATION OF RECOVERY OF NON-FERROUS METALS FROM SCRAP MATERIALS AND TECHNOLOGIES:

1. ORGANIZATION OF SCRAP COLLECTION.

2. PREPARING OF SCRAP FOR THE MELTING PROCESSES.

3. TREATMENT OF COMPOSED SCRAP, SUCH AS USED CARS, OLD
ELECTROTECHNICAL ARRANGEMENTS, MOTORS, TRANSFORMERS.

4. DETINNING OF STEEL SCRAP.

5. NEW METHODS AND TYPES OF MELTING FURNACES FOR TREATING OF
ALUMINUM SCRAP.

F) PRODUCTION OF SEMI-FINISHED PRODUCTS OF
NON-FERROUS METALS, AS COPPER, ALUMINUM,
NICKEL AND THEIR ALLOYS:

1. MELTING AND CASTING OF BILLETS, WIREBARS, SLABS.

2. CONTINUOUS CASTING, SEMI-CONTINUOUS CASTING OF INGOTS AND
CONTINUOUS CASTING OF WIRE, BARS, PLATES AND STRIPS.

3. MECHANIZATION OF WORKS IN MELTING AND CASTING PLANTS.

4. HEATING OF INGOTS IN ROLLING MILLS, BEFORE EXTRUSION OF METALS.

5. ROLLING OF NON-FERROUS METALS, TECHNOLOGIES, TECHNOLOGICAL
ARRANGEMENTS.

6. EXTRUSION PRESSES FOR NON-FERROUS METALS, TECHNOLOGIES.

7. PRODUCTION OF SEMI-FINISHED PRODUCTS OF NON-FERROUS METALS
BY DRAWING, AS WIRES, TUBES, BARS (SIC).

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PAGE 04 PRAGUE 01852 251424Z

8. HEAT TREATMENT OF SEMI-FINISHED PRODUCTS OF NON-FERROUS METALS.

9. USE OF VACUUM IN PRODUCTION AND TREATMENT OF NON-FERROUS METALS.

10. PRODUCTION OF SEMI-FINISHED PRODUCTS OF NON-FERROUS METALS
ON BASIS OF METAL-POWDERS.

11. TREATMENT OF SURFACE OF METALS SUCH AS PICKLING, SAND-BLASTING.

3. AS REGARDS RECRUITING OF FIRMS TO TSS, EMBASSY OFFERS
BLAW-KNOX FOUNDRY AND MILL MACHINERY, INC., AS ONE GOOD
POSSIBILITY, SINCE WE UNDERSTAND FIRM TO BE CAPABLE OF CONSTRUCTING
COMPLETE NON-FERROUS MILLS ON TURN-KEY BASIS -- AN AVENUE
WHICH CZECHS MAY BE TAKING IN FUTURE AS PROBLEMS RELATING

TO DOMESTIC CONSTRUCTION STUBBORNLY CONTINUE TO BEDEVIL
INDUSTRIAL EXPANSION PLANS. FIRMS ADDRESS IS: ONE OLIVER
PLAZA, PITTSBURGH, PENNSYLVANIA; TELEPHONE (412) 263-2200.
EMBASSY CONTACT IS R.F. ELLING, NICE PRESIDENT FOR FOREIGN
SALES.

4. EMBASSY WOULD BE GRATEFUL FOR USDOC'S COMMENTS RE STATUS
OF PLANNING FOR SUBJECT TSS, SINCE WE WOULD LIKE TO CONFIRM TO
FMMHE THAT EVENT WILL IN FACT TAKE PLACE AS SCHEDULED.

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